

INTELLECTUAL PROPERTY LAW  
INCLUDING  
PATENTS, TRADEMARKS,  
COPYRIGHTS AND  
UNFAIR COMPETITION

44-25-C1  
**CONLEY, ROSE & TAYON**  
A PROFESSIONAL CORPORATION  
THE CHASE BUILDING  
700 LAVACA, SUITE 800  
AUSTIN, TEXAS 78701-3102  
(512) 476-1400  
FACSIMILE (512) 703-1250  
www.intprop.com

HOUSTON OFFICE  
CHASE TOWER  
600 TRAVIS, SUITE 1800  
HOUSTON, TEXAS 77002-2800  
(713) 236-8000  
FACSIMILE (713) 238-8000

ERIC B. MEYERTONS  
(512) 703-1254  
emeyertons@intprop.com

FILE: 5659-03600  
TII1961

April 24, 2001

"EXPRESS MAIL" MAILING LABEL

NUMBER: EL822013881US  
DATE OF DEPOSIT: April 24, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to The Commissioner for Patents, Washington, D.C. 20231.

*BT Bz*  
Brit Baker

**ATTN: PATENT APPLICATION**

Commissioner for Patents  
Washington, D.C. 20231

Re: U.S. Patent Application Entitled **"IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION TO PRODUCE A MIXTURE CONTAINING OLEFINS, OXYGENATED HYDROCARBONS, AND/OR AROMATIC HYDROCARBONS"**

-- Vinegar, et al.

Sir:

Transmitted herewith for filing is a disclosure including a title page, a 274 page specification, 772 pages of claims (Claims 1-5395), and a one page abstract. In addition, we have also included 182 formal drawings on 163 sheets. The disclosure and drawings constitute the application of Harold J. Vinegar, Scott L. Wellington, Eric de Rouffignac, John M. Karanikas, Ilya E. Berchenko, George L. Stegemeier, Kevin A. Maher, Etuan Zhang, Gordon T. Shahin, James L. Menotti, John M. Coles, Thomas D. Fowler, Charlie R. Keedy, Ajay M. Madgavkar, Martijn van Hardeveld, Robert C. Ryan, Lanny Schoeling and Fred G. Carl for the above-entitled invention.

Commissioner for Patents

April 24, 2001

Page 2

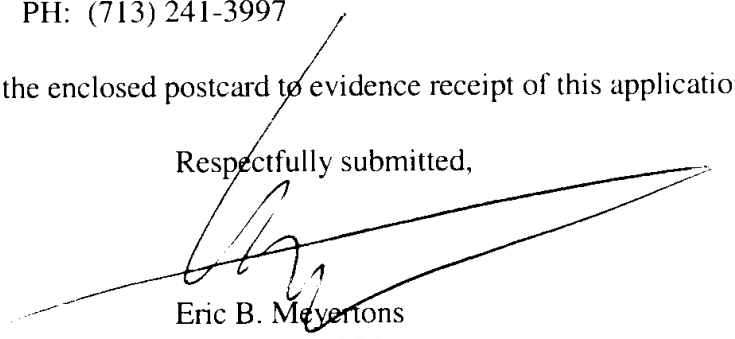
Please note that this application is filed without an inventor Declaration and filing fees. Applicant requests the Patent and Trademark Office to accept this application and accord a serial number and filing date as of the date this application is deposited with the U.S. Postal Service for Express Mail. Further, the Applicant requests that the NOTICE OF MISSING PARTS-FILING DATE GRANTED be sent to Mr. Del Christensen at the correspondence address set forth below.

Please address all correspondence in connection with this application to:

DEL CHRISTENSEN  
SHELL OIL COMPANY  
P.O. BOX 2463  
HOUSTON, TEXAS 77252-2463  
PH: (713) 241-3997

Please date stamp and return the enclosed postcard to evidence receipt of this application.

Respectfully submitted,



Eric B. Meyertons  
Reg. No. 34,876  
Attorney for Applicant

EBM:etg  
Enclosures